WO 2005/063745 PCT/US2004/043609

73.WO1.ST25.txt SEQUENCE LISTING

<110>	Arena Pharmaceuticals, Inc. Boatman, P. Douglas Adams, John W Moody, Jeanne V Babych, Eric D Schrader, Thomas O	
<120>	NOVEL SPIROINDOLINE OR SPIROISOQUINOLINE COMPOUNDS, METHODS OUSE AND COMPOSITIONS THEREOF	F
<130>	73.WO1	
<150> <151>	60/532,546 2003-12-23	
<150> <151>	60/539,554 2004-01-26	
<150> <151>	60/565,251 2004-04-23	
<160>	2	
<170>	PatentIn version 3.2	
<210> <211> <212> <213>	1 978 DNA Homo sapien	
<400> atggate	1 gggt caaacgtgac atcatttgtt gttgaggaac ccacgaacat ctcaactggc	60
aggaac	gcct cagtcgggaa tgcacatcgg caaatcccca tcgtgcactg ggtcattatg	120
agcatc	tccc cagtggggtt tgttgagaat gggattctcc tctggttcct gtgcttccgg	180
atgaga	agaa atcccttcac tgtctacatc acccacctgt ctatcgcaga catctcactg	240
ctcttc	tgta ttttcatctt gtctatcgac tatgctttag attatgagct ttcttctggc	300
, cattac	taca caattgtcac attatcagtg acttttctgt ttggctacaa cacgggcctc	360
tatctg	ctga cggccattag tgtggagagg tgcctgtcag tcctttaccc catctggtac	420
cgatgc	catc gccccaagta ccagtcggca ttggtctgtg cccttctgtg ggctctttct	480
ţgcttg	gtga ccaccatgga gtatgtcatg tgcatcgaca gagaagaaga gagtcactct	540
cggaat	gact gccgagcagt catcatcttt atagccatcc tgagcttcct ggtcttcacg	600
cccctc	atgc tggtgtccag caccatcttg gtcgtgaaga tccggaagaa cacgtgggct	660
tcccat	tcct ccaagcttta catagtcatc atggtcacca tcattatatt cctcatcttc	720
gctatg	ccca tgagactcct ttacctgctg tactatgagt attggtcgac ctttgggaac	780
ctacac	caca tttccctgct cttctccaca atcaacagta gcgccaaccc tttcatttac	840
ttcttt	gtgg gaagcagtaa gaagaagaga ttcaaggagt ccttaaaagt tgttctgacc	900

Page 1

WO 2005/063745 PCT/US2004/043609

960 978

73.W01.ST25.txt
agggctttca aagatgaaat gcaacctcgg cgccagaaag acaattgtaa tacggtcaca
gttgagactg tcgtctaa

<210> 2 <211> 325 <212> PRT

<212> PRT <213> Homo sapien

<400> 2

Met Asp Gly Ser Asn Val Thr Ser Phe Val Val Glu Glu Pro Thr Asn 1 10

Ile Ser Thr Gly Arg Asn Ala Ser Val Gly Asn Ala His Arg Gln Ile 20 25 30

Pro Ile Val His Trp Val Ile Met Ser Ile Ser Pro Val Gly Phe Val 35 40

Glu Asn Gly Ile Leu Leu Trp Phe Leu Cys Phe Arg Met Arg Arg Asn 50 55 60

Pro Phe Thr Val Tyr Ile Thr His Leu Ser Ile Ala Asp Ile Ser Leu 70 75

Leu Phe Cys Ile Phe Ile Leu Ser Ile Asp Tyr Ala Leu Asp Tyr Glu 85 90 95

Leu Phe Gly Tyr Asn Thr Gly Leu Tyr Leu Leu Thr Ala Ile Ser Val 115 120 125

Glu Arg Cys Leu Ser Val Leu Tyr Pro Ile Trp Tyr Arg Cys His Arg 130 140

Pro Lys Tyr Gln Ser Ala Leu Val Cys Ala Leu Leu Trp Ala Leu Ser 145 150 155 160

Cys Leu Val Thr Thr Met Glu Tyr Val Met Cys Ile Asp Arg Glu Glu 165 170 175

Glu Ser His Ser Arg Asn Asp Cys Arg Ala Val Ile Ile Phe Ile Ala 180 185 190

Ile Leu Ser Phe Leu Val Phe Thr Pro Leu Met Leu Val Ser Ser Thr 195 200 205

Page 2

WO 2005/063745 PCT/US2004/043609

73.WO1.ST25.txt

Ile Leu Val Val Lys Ile Arg Lys Asn Thr Trp Ala Ser His Ser Ser 210 215 220

Lys Leu Tyr Ile Val Ile Met Val Thr Ile Ile Ile Phe Leu Ile Phe 225 230 235 240

Ala Met Pro Met Arg Leu Leu Tyr Leu Leu Tyr Tyr Glu Tyr Trp Ser 245 250 255

Thr Phe Gly Asn Leu His His Ile Ser Leu Leu Phe Ser Thr Ile Asn 260 265 270

Ser Ser Ala Asn Pro Phe Ile Tyr Phe Phe Val Gly Ser Ser Lys Lys 275 280 285

Lys Arg Phe Lys Glu Ser Leu Lys Val Val Leu Thr Arg Ala Phe Lys 290 295 300

Asp Glu Met Gln Pro Arg Arg Gln Lys Asp Asn Cys Asn Thr Val Thr 305 310 315 320

Val Glu Thr Val Val 325